

K-C Docket No.: 19394

Serial No.: 10/649,549

Response to Restriction Requirement Dated: November 2, 2005

Listing of Claims

1-17 (cancelled)

18. (withdrawn) A method of forming a glove having improved chemical permeation resistance comprising:

preparing a substrate body from a polyvinyl chloride plastisol; and

forming a barrier layer over at least a portion of the substrate body, the barrier layer being formed from a barrier layer composition comprising an acrylic emulsion.

19. (withdrawn) The method of claim 14, further comprising forming a donning layer over at least a portion of the barrier layer.

20. (withdrawn) The method of claim 14, further comprising rendering the barrier layer visually distinct from the substrate body.

21. (withdrawn) The method of claim 19, wherein the step of rendering the barrier layer visually distinct from the substrate body comprises adding a colorant to the barrier layer composition.

22. (new) A glove comprising: a substrate body formed from a polyvinyl chloride material, and a barrier layer that is visually distinct from the substrate body, overlying at least a portion of the substrate body, between said substrate body and a donning layer that covers said barrier layer, said barrier layer consists essentially of an acrylic polymer or copolymer having a glass transition temperature of from about -30°C to about 24°C and imparts a chemical permeation resistance.

23. (new) The glove according to claim 22, wherein said barrier layer contains a colorant that indicates the presence at least two or more layers.

24. (new) The glove according to claim 22, wherein said barrier layer is chemically resistant to 70% isopropyl alcohol for at least 80 minutes using ASTM F739-99a.

25. (new) The glove of claim 22, wherein the glove is resistant to 70% isopropyl alcohol for at least 90 minutes using ASTM F739-99a.

26. (new) The glove according to claim 22, wherein said acrylic polymer has a glass transition temperature of from about -20°C to about 20°C.

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27. (new) The glove according to claim 22, wherein said barrier layer is present in an amount of from about 3 mass % to about 8 mass % of the glove.

28. (new) The glove according to claim 22, wherein said barrier layer is present in an amount of from about 4 mass % to about 6 mass % of the glove.

29. (new) The glove according to claim 22, wherein the donning layer is a skin-contacting layer that comprises a polyurethane, or a blend of acrylic polymer and polyurethane.

30. (new) The glove according to claim 22, wherein the donning layer is present in an amount of from about 0.1 mass % to about 2 mass % of the glove.

31. (new) The glove according to claim 22, wherein the donning layer is present in an amount of from about 0.3 mass % to about 1 mass % of the glove.

32.(new) A multilayered glove comprising:

a substrate body formed of a polyvinyl chloride;

an intermediate barrier layer that is visually distinct from the substrate body, overlying at least a portion of the substrate body, and consists essentially of an acrylic polymer or copolymer that has a glass transition temperature of from about -30°C to about 20°C, and is resistant to chemical permeation of 70% isopropyl alcohol for over at least 60 minutes using ASTM F739-99a, and

a skin-contacting donning layer overlying said barrier layer.

33. (new) The glove according to claim 32, wherein the barrier layer includes a colorant that indicates the presence of multiple layers.

34. (new) The glove according to claim 32, wherein said acrylic polymer has a glass transition temperature of from about -20°C to about 15°C.

35. (new) The glove of claim 32, wherein the glove is resistant to 70% isopropyl alcohol for at least 80 minutes using ASTM F739-99a.

36. (new) The glove of claim 32, wherein the glove is resistant to 70% isopropyl alcohol for at least 90 minutes using ASTM F739-99a.

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37. (new) The glove of claim 32, wherein the glove is resistant to 70% isopropyl alcohol for at least 100 minutes using ASTM F739-99a.